

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Daisuke WATANABE, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: August 28, 2003	:	Examiner:
	:	
For: MIXER CIRCUIT AND DIFFERENTIAL AMPLIFIER CIRCUIT	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the document listed on the attached form PTO-1449. It is respectfully requested that the document be expressly considered during the prosecution of this application, and that the document be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of the Japanese Laid-Open Patent Publication No. HEI 5-175755, is discussed in the present specification.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:gav  
Facsimile: (202) 756-8087  
**Date: August 28, 2003**

INFORMATION DISCLOSURE CITATION IN AN APPLICATION						ATTY. DOCKET NO. <b>60188-600</b>		SERIAL NO.				
(PTO-1449)						APPLICANT <b>Daisuke WATANABE, et al.</b>						
						FILING DATE <b>August 28, 2003</b>		GROUP				
U.S. PATENT DOCUMENTS												
EXAMINER'S INITIALS		CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
			US									
FOREIGN PATENT DOCUMENTS												
EXAMINER'S INITIALS		CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Figures Appear		Translation	
											Yes	No
				JP-05175755		07/13/1993	MATSUSHITA ELECTRIC IND CO., LTD				JAPAN (w/English Abstract)	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)												
EXAMINER'S INITIALS		CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.									
EXAMINER					DATE CONSIDERED							

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.